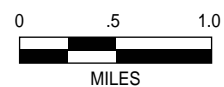


Source: Modified from Helley and Hardwood 1985

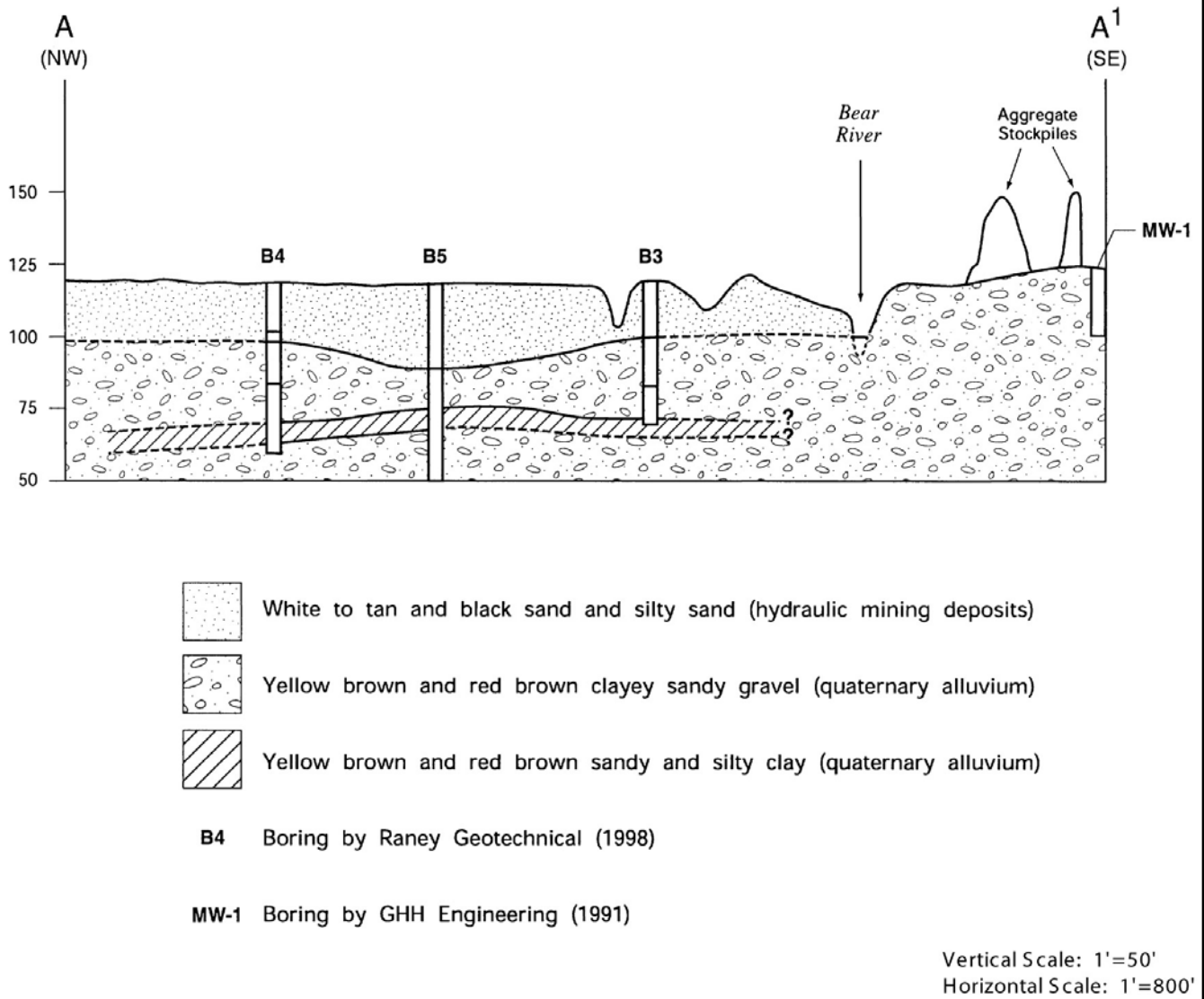
Regional Geologic Map

EXHIBIT 10-1

Patterson Sand and Gravel Mine Expansion Project
P 0T051.01 05/04



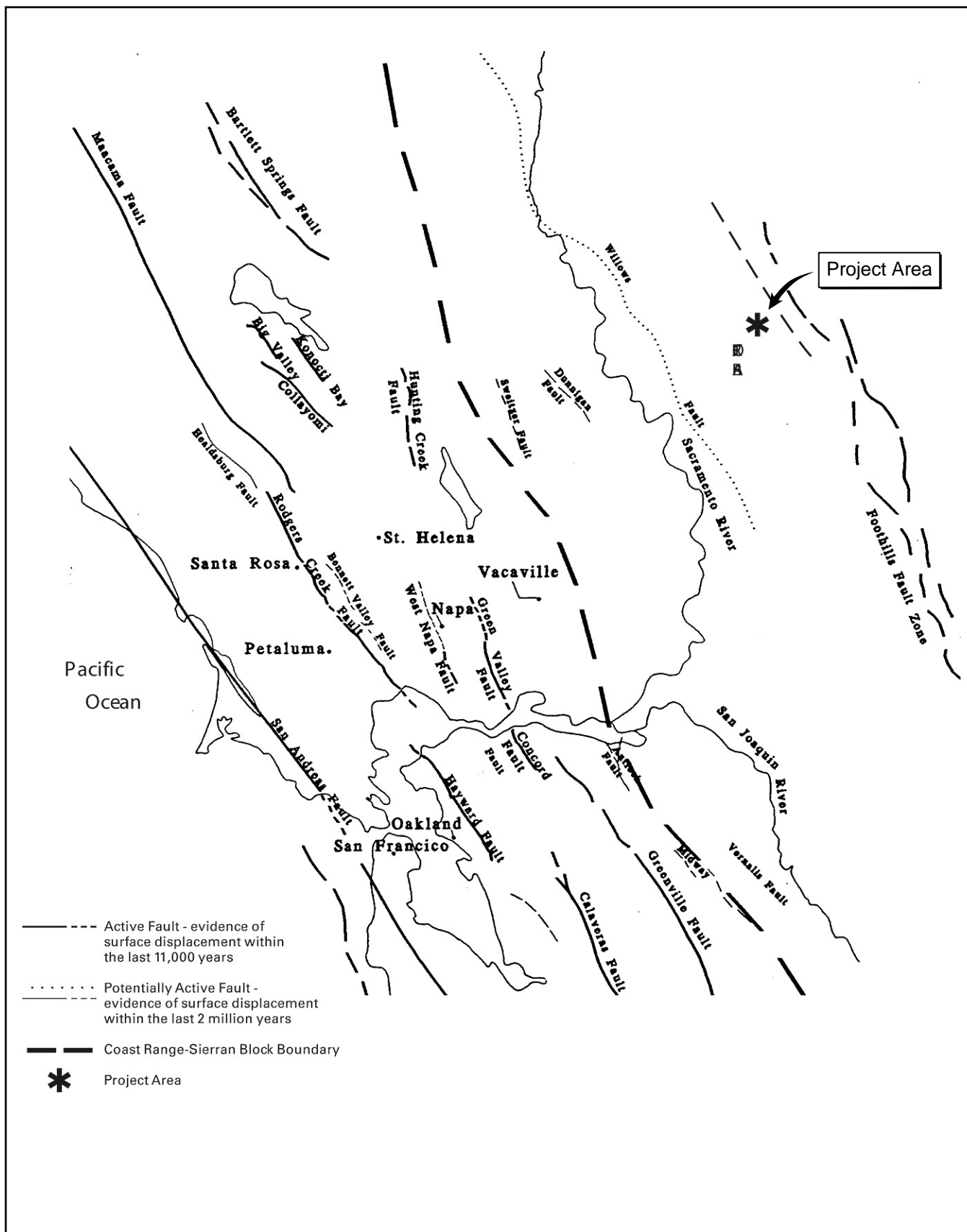
EDAW



Source: BASELINE Environmental Consulting 1998

Geologic Cross Section

EXHIBIT 10-2

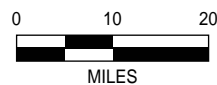


Source: Maulchin and Jones 1992; Jennings 1994

Regional Fault Map

EXHIBIT 10-3

Patterson Sand and Gravel Mine Expansion Project
P 0T051.01 1/04



EDAW


Aggregate Resources

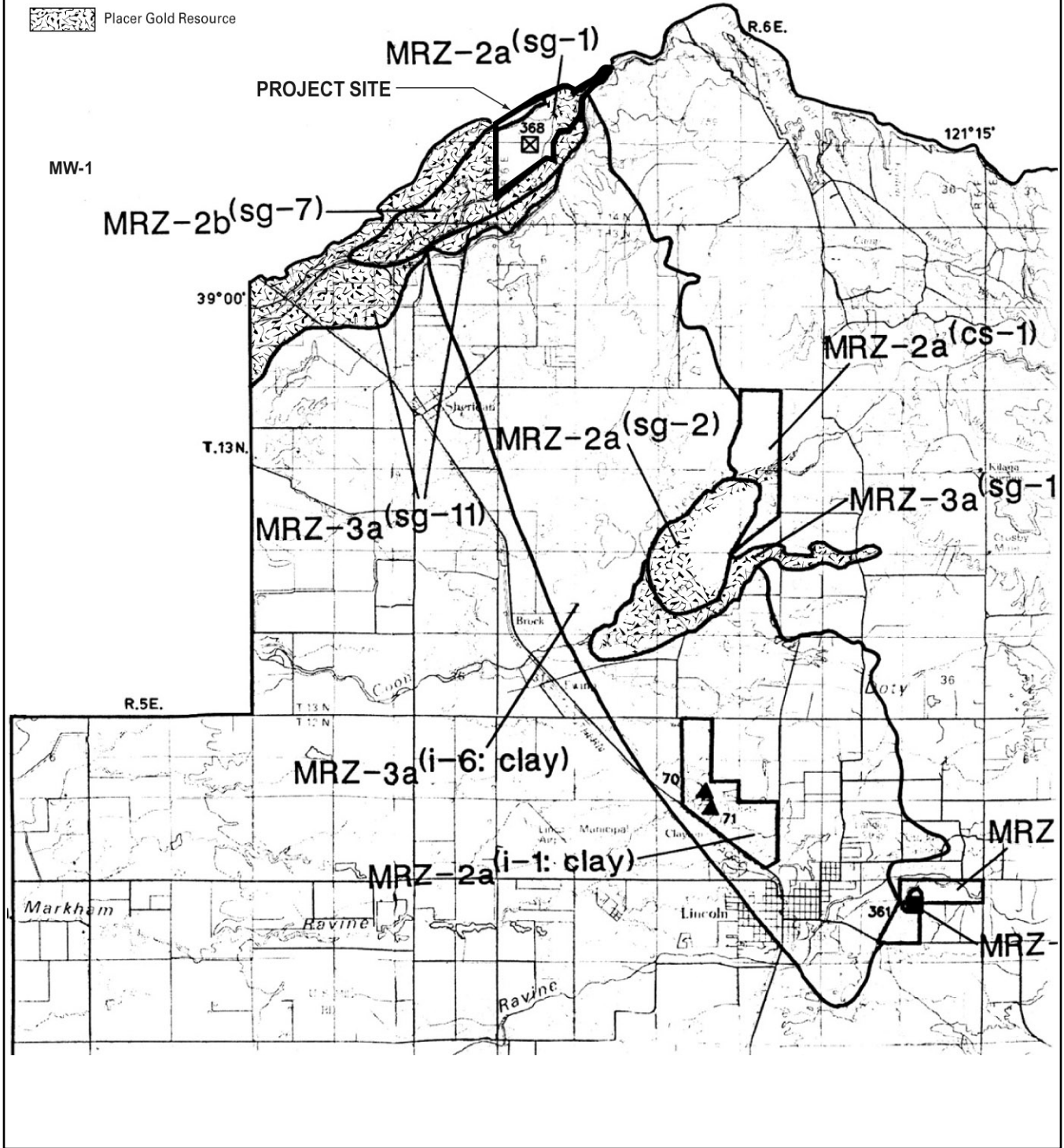
MRZ-2a Areas underlain by mineral deposits where geologic data indicate that significant measured or indicated resources are present

MRZ-2b Areas underlain by mineral deposits where geologic information indicates that significant inferred resources are present

MRZ-3a Areas containing known mineral occurrences of undetermined mineral resource significance

Placer Gold Resources

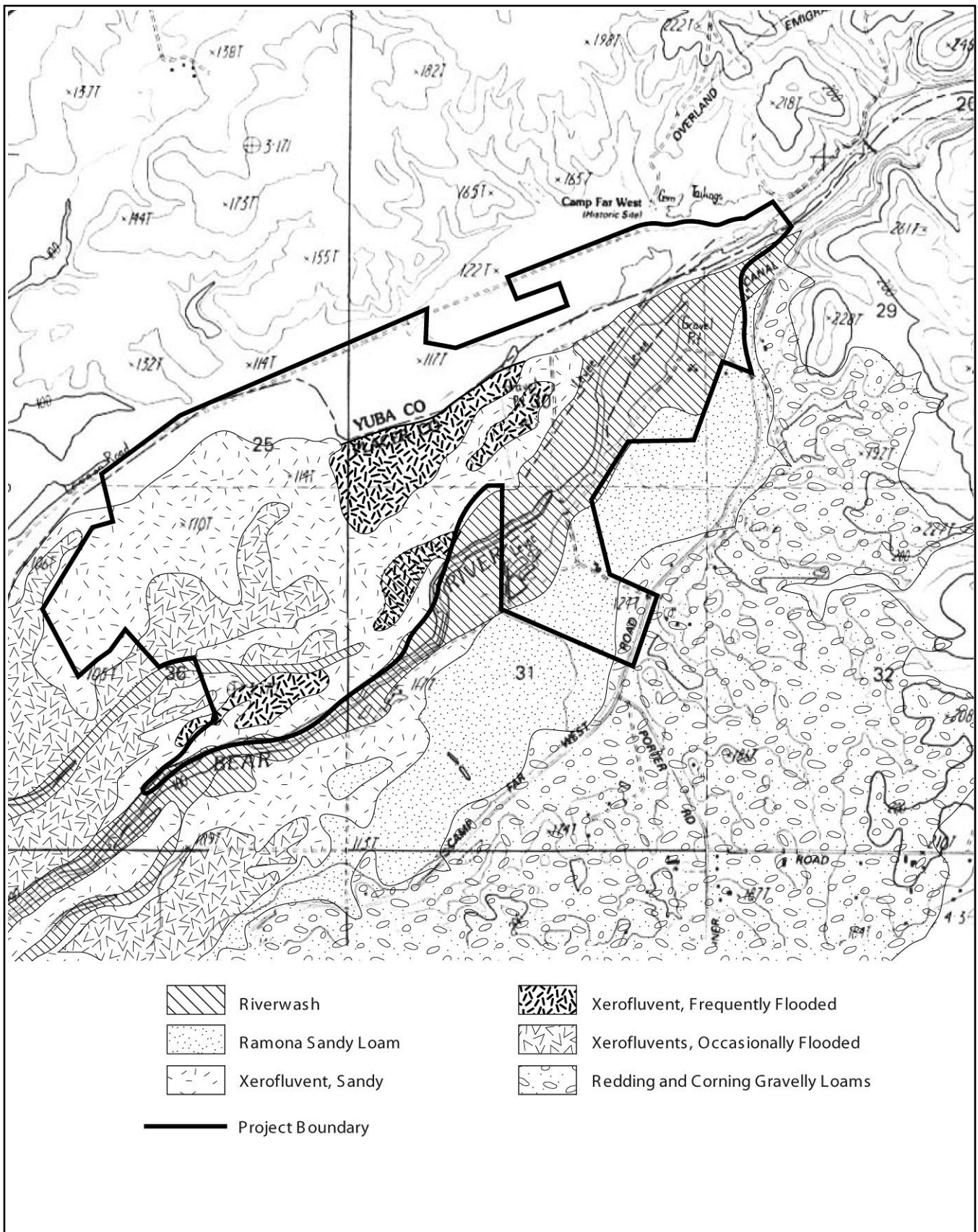
 Placer Gold Resource



Source: Loyd 1995

Mineral Resource Zones

EXHIBIT 10-4

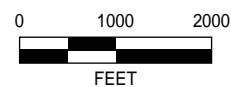


Source: USDA Soil Conservation Service 1980

Soils Map (Project Site)

EXHIBIT 10-5

Patterson Sand and Gravel Mine Expansion Project
P 0T051.01 1/04



EDAW

